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ABSTRACT

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5 An electrical connector for connecting a solenoid wire coil to a printed circuit board in an automotive anti-lock braking system has a coil bobbin, around which the wire coil is wound. The wire coil has pre-tinned sections that are wrapped over pins protruding from the coil bobbin. When the pins are inserted in through-holes of the printed circuit board, the pre-tinned sections contact the through-holes, establishing a connection between the solenoid coil wire and the printed circuit board without soldering.

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